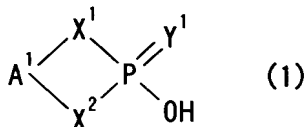


## Abstract

A process for producing an amine which is characterized by reacting an imine with a nucleophilic compound (except a trialkylsilyl vinyl ether) in the presence of a phosphoric acid derivative represented by the formula (1):



wherein  $\text{A}^1$  represents a spacer;  $\text{X}^1$  and  $\text{X}^2$  represent each independently a divalent nonmetal atom or a divalent nonmetal atomic group; and  $\text{Y}^1$  is oxygen or sulfur. The invention provides a process by which amines (particularly optically active amines) useful as intermediates of medicines, agricultural chemicals, or the like can be produced without special post-treatment in high yield at high optical purity; and phosphoric acid derivatives (particularly optically active phosphoric acid derivatives) useful in the production of the amines.